

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 15 1992

Courtaulds Coatings
fka International Paint (USA), Inc.
2270 Morris Avenue
Union, NJ 07083

Attention: Raymond P. Gangi

Subject: HISOL BF254 Self Polishing Copolymer A/F
EPA Registration No. 2693-127
Amendment Dated July 19, 1991

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter please contact Marshall Swindell at (703) 305-6908.

Sincerely yours,



John H. Lee
Product Manager 31
Antimicrobial Programs Branch
Registration Division (H7505C)

BEST AVAILABLE COPY

CONCURRENCES

SYMBOL	SURNAME	DATE					

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes eye irritation and skin burns. When handling wear full protective clothing, rubber gloves, goggles, face shield or other approved eye protection. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. This product may be dermal sensitizer. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse. Avoid breathing of vapor, spray mist, dust or chips from sanding or blasting. While spraying, sanding or blasting wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

STATEMENT OF PRACTICAL TREATMENT:

IF SWALLOWED: Drink promptly a large quantity of water. Avoid alcohol. Get medical attention.

IF IN EYES: Flush immediately with plenty of water for at least 5 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms including fish and shellfish. Do not apply directly to water by cleaning of equipment or disposal of wastes. Do not allow chips and dust generated during paint removal to enter water.

PHYSICAL OR CHEMICAL HAZARD

FLAMMABLE! Keep away from heat, sparks, or open flame.

RESTRICTED USE PESTICIDE

Due to toxicity to aquatic organisms including fish and shellfish, sale only to certified commercial applicators and use only under the direct supervision of an on-site certified commercial applicator.

ACCEPTED
with COMMENTS
in EPA Letter Docket
JAN 15 1992
Under the Federal
Fungicide, and Rodenticide
Act, amended, for the Pesticide
Regulation Act, 2693-127

Intersmoot HISO

Self polishing copolymer BFA254 PLUM

ACTIVE INGREDIENTS

TRIBUTYL TIN METHACRYLATE
(As Part of Polymer)
CUPROUS OXIDE
INERT INGREDIENTS

ELEMENTAL TIN 2.6% — ELEMENTAL COPPER
This product contains 1.2 lbs. Tributyltin Methacrylate (As Part of Polymer), and 4.7 lbs. Cuprous Oxide per gallon.


**CONTAINS PETROLEUM DISTILLATES
KEEP OUT OF REACH OF CHILDREN**

DANGER

See Side Panels for Additional Precautions

NET FIVE U.S. GALLONS

BEST AVAILABLE



GROUP	GRASS	TIME OF APPLICATION	RATE OF POAST PLUS PER ACRE	ADDITIVE (RATE PER ACRE)
				DASH OR OIL CONCENTRATE
				GROUND AND AIR APPLICATION
A	Wild Proso Millet	4-10"	24 fl. oz. (5.3 acres/gal)	2 pints
B*	Goosegrass Smooth Crabgrass Large Crabgrass Wild Oat (Idaho, Oregon, Washington only)	2-4"	36 fl.oz. (3.6 acres/gal)	2 pints
	Foxtails: Giant, Green, Yellow (Before the 2nd cutting. If application follows 2nd cutting, see Group C below)	3-8"		2 pints
	Barnyardgrass, small (For larger size barnyardgrass see Group C below) Fall Panicum Johnsongrass, Seedling Junglerice Ryegrass, Annual Southwestern Cupgrass Witchgrass			2 pints
	Shattercane/Wildcane If needed, re-treat at the same rate and stage of growth.	6-18"		2 pints
	Volunteer Corn Maintain sufficient boom height above volunteer corn plants for best spray coverage.	6-12"		2 pints
C	Foxtails: Giant, Green, Yellow (After the 2nd cutting)	3-8"	48 fl. oz (2.7 acres/gal)	2 pints
	Barnyardgrass, Large (Apply before boot stage.)	8-16"		
	Volunteer Cereals Barley Oats Rye Wheat Volunteer cereals which emerge from late spring through early summer (May through July) may be partially or incompletely controlled due to unfavorable conditions during this time	Before tillering, 2-4" and prior to over-wintering.		

* For broad spectrum control of annual grasses in Group B (above), use 36 fluid ounces of Poast Plus® herbicide per acre. When weed populations include additional grasses in Group C increase the rate of POAST PLUS herbicide as indicated. If later flushes of annual grasses emerge after the first application, make additional applications at the same rate and at the same recommended stage of growth.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

It is unlawful to use this product on non-aluminum hulled vessels less than 82 feet (25 meters) in length (on deck) except for the outboard motor or lower drive unit of such vessels.

User must comply with all applicable OSHA requirements.

During and after paint removal and/or application of new TBT paint, methods must be employed which are designed to prevent release of TBT paints into the aquatic environment. Following removal of old TBT paint and/or application of new TBT paint, all paint chips and spent abrasives, paint containers and any other waste products from paint removal or application must be disposed of in a sanitary landfill.

NOTE—Protective clothing and respirators should be used as described under Precautionary Statements.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law.

1. Paint chips, spent abrasives, and any other waste materials from removal of old paint must be disposed of in a sanitary landfill or, if required by Federal, State or local regulations, handled as a hazardous waste.
2. If possible, use all of the contents by application according to label instructions. Manage excess paint, rinsate, and other application wastes in accordance with Federal, State and local requirements. Consult your State Pesticide or Environmental control agency, nearest EPA Regional Office, or the RCRA/Superfund Hotline (800-424-9346) for waste disposal guidance.

CONTAINER DISPOSAL

Triple rinse container if intended for recycling or reconditioning. Empty paint containers with small amounts of dried residue must be disposed of in a sanitary landfill (or, if required by Federal, State or local regulations, handled as a hazardous waste).

COMMERCIAL USE ONLY

EPA REG NO 2693-127

EPA EST. NO. 2693-TX-1

Intersmooth HISOL® 200 Series

DIRECTIONS FOR USE (CONTINUED)

Intersmooth HISOL are self-polishing copolymer antifoulings for use on marine structures, designed to control marine fouling organisms. Coating lifetime is directly proportional to thickness applied since they are engineered to provide consistent release of biocides by constant exfoliation into the water. Intersmooth HISOL smooths during vessel operation to provide an efficient surface, providing maximum fuel savings.

SURFACE PREPARATION AND COMPATIBILITY: Surface preparation must be followed exactly in order to insure adhesion. Surface must always be prepared before painting. INTERSMOOTH can be applied over most TBT copolymer life antifouling paints as long as the old coating has been aged and is in sound condition. This product should not be applied over teflon.

GENERAL APPLICATION PROCEDURES: Airless spray is recommended, pump ratio of 30:1 or greater. For small areas, brush or roller may be used but multiple coats may be required to achieve the required dry film thickness. It is recommended to apply by airless spray two (2) or three (3) full coats.

MIXING AND THINNING INSTRUCTIONS: Mix thoroughly with potting water for application. This coating is designed to be applied without thinning. If thinning is necessary, consult your International representative prior to altering the ratio.

CLEAN-UP: For tools, equipment, etc., use INTERNATIONAL THINNING SOLUTION. **MINIMUM DRY AND LAUNCHING TIMES:** Minimum drying time before launch is 12 hours and before launching is 12 hours at a temperature of 73°F.

THEORETICAL COVERAGE: 201 square feet per gallon, per coat. Actual coverage will vary. Consult your International representative for practical application coverage. Foot coverage per gallon, per coat is directly proportional to surface area, surface conditions and climatic conditions.

APPLICATION SYSTEMS

EXISTING COPOLYMER ANTIFOULING SYSTEMS-GOOD CONDITION: Clean with fresh water wash with a minimum of 2500 psi to remove all marine growth. Spot blast all areas of corrosion to near white metal. Blow down with high pressure air to remove all spent abrasives. Apply an approved underwater anticorrosive system.

POOR HULL CONDITION: For "optimum" results, blast entire area to near white metal. Apply an approved underwater anticorrosive system.

NEW SHIP CONSTRUCTION: Blast entire area to near white metal. Apply high pressure air to remove all spent abrasives. Apply an approved underwater anticorrosive system.

Do not apply below 35°F unless care is taken to insure absence of frost.

DISCLAIMER: The performance of any marine paint or coating depends on many factors outside the control of the manufacturer, including surface preparation, proper application, and environmental conditions. Therefore, Courtaulds Coatings Inc. makes no warranty, expressed or implied, for the suitability of this product for your particular purpose or application. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY ARE EXCLUDED. COURTAULDS COATINGS INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase of this product, the user agrees that the sole and exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at the option of Courtaulds Coatings Inc.

 COURTAULDS COATINGS HOUSTON, TEXAS

BEST AVAILABLE COATING

, Smooth
 Cupgrass, Southwestern
 , Woolly
 Field Sandbur
 Foxtail, Giant
 , Green
 , Yellow
 Goosegrass
 Itchgrass
 Johnsongrass
 Junglerice
 Pigeon grass (see Foxtails)
 Panicum, Browntop
 , Fall
 , Texas
 Quackgrass
 Red Rice
 Red Sprangletop
 Ryegrass, Annual
 , Perennial
 Tame Oats
 Volunteer Barley
 Corn
 Oats
 Fye
 Wheat
 Watergrass (see Barnyardgrass)
 Stattercane/Wildcane
 Wild Oats
 Wild Proso Millet
 Wiregrass (see Bermudagrass)
 Wirestem Muhly
 Witchgrass

Digitaria sanguinalis
Digitaria ischaemum
Eriochloa gracilis
Eriochloa villosa
Cenchrus incertus
Setaria faberi
Setaria viridis
Setaria glauca
Eleusine indica
Rottboellia exaltata
Sorghum halepense
Echinochloa colonum

Panicum fasciculatum
Panicum dichotomiflorum
Panicum texanum
Agropyron repens
Oryza sativa
Leptochloa filiformis
Lolium multiflorum
Lolium perenne
Avena sativa
Hordeum vulgare
Zea mays
Avena sativa
Secale cereale
Triticum aestivum

Sorghum bicolor
Avena fatua
Panicum miliaceum

Muhlenbergia frondosa
Panicum capillare